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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION AND FEE TRANSMITTAL LETTER

LONDON, 3 DECEMBER 1999
VIA DHL COURIER for HAND FILING

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Assistant Commissioner for Patents
Customer Service Center
Crystal Plaza 2
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Sir,

The following Utility Patent Application is enclosed for filing under 37 CFR 1.53(b):

Applicants:	Daniel E. AFAR, Rene S. HUBERT, Arthur B. RAITANO, Douglas C. SAFFRAN, Stephen C. MITCHELL
Executed on:	Inventors unavailable for execution at time of filing.
Title:	NOVEL SERPENTINE TRANSMEMBRANE ANTIGENS EXPRESSED IN HUMAN CANCERS AND USES THEREOF

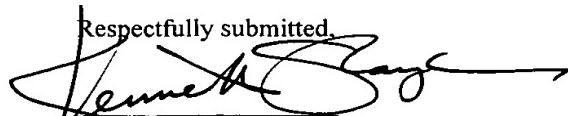
Enclosed are the following:

- Specification - 56 pages.
- Drawings - 37 sheets.
- Small Entity Verification.
- Payment of the Filing Fee - Check in the amount of \$1754.00
- Return postcard.
- Duplicate copy of this Transmittal Letter
- Other -

FEE CALCULATION

BASIC FILING FEE [SMALL ENTITY]	\$ 380.00
TOTAL CLAIMS: 47 [27 in excess of 20 X \$9 - SMALL ENTITY]:	\$ 243.00
INDEPENDENT CLAIMS 32 [29 in excess of 3 X \$39 - SMALL ENTITY]:	\$1131.00
TOTAL FILING FEES	\$1754.00

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Respectfully submitted,

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